

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
27 October 2005 (27.10.2005)

PCT

(10) International Publication Number
WO 2005/099744 A1

(51) International Patent Classification⁷: A61K 38/17,
39/395, A61P 7/02

(21) International Application Number:

PCT/GB2005/001451

(22) International Filing Date: 15 April 2005 (15.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/521,385 15 April 2004 (15.04.2004) US

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM,
PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
ZA, ZM, ZW.

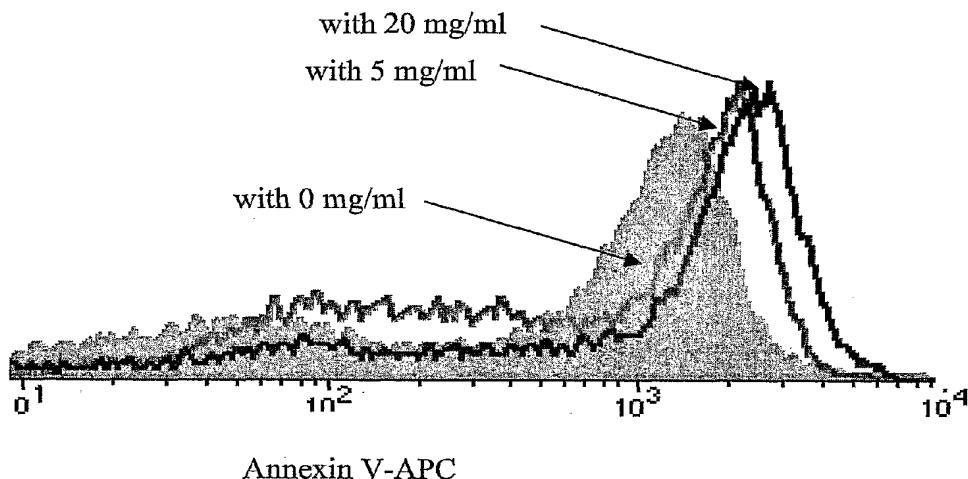
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: ANNEXIN V FOR PREVENTING ATHEROTHROMBOIS AND PLAQUE RUPTURE



Annexin V-APC

WO 2005/099744 A1

(57) Abstract: Atherosclerosis can be viewed as a response to injury and it is not atherosclerosis per se that is serious but instead factors leading to rupture of atherosclerotic plaques. In the present invention we have identified such factors. A decreased binding of Annexin V to the endothelium was seen in patients with a history of atherothrombosis. The use of native Annexin V or an N-terminal fragment as an active component or a subfraction of immunoglobulins to manufacture a pharmaceutical composition is proposed to improve said binding. The use of Annexin V, N-terminal fragments or immunoglobulins to increase the Annexin V-binding to carotid plaque represents novel mechanism for preventing atherothrombosis.



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